

ABSTRACT OF THE DISCLOSURE

A method and a device for determining a variable describing the speed at least one driven wheel of a motor vehicle. In this context, variables describing the respective wheel speeds for the remaining driven wheels of the motor vehicle, and a variable describing the output rpm of a transmission of the motor vehicle are determined. To be able to make a reliable variable describing the speed magnitude of the wheel available to a traction control system or a vehicle-dynamics control system of a motor vehicle in spite of the failure of a speed sensor arranged at one of the wheels, the variable describing the speed for the at least one driven wheel is determined as a function of the variables describing the respective wheel speeds of the remaining driven wheels and as a function of the variable describing the transmission output rpm.

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